

CEMP-CM  Regulation No. 415-1-14	Department of the Army U.S. Army Corps of Engineers Washington, DC 20314-1000	ER 415-1-14  15 Dec 86
	Construction  CORPS OF ENGINEERS AUTOMATED MANAGEMENT AND PROGRESS REPORTING SYSTEMS (AMPRS)	
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DEPARTMENT OF THE ARMY  
U. S. ARMY CORPS OF ENGINEERS  
WASHINGTON, D.C. 20314-10000

DAEN-ECC-C

Regulation  
No. 415-1-14

15 December 1986

Construction  
CORPS OF ENGINEERS AUTOMATED MANAGEMENT AND  
PROGRESS REPORTING SYSTEM (AMPRS)

1. Purpose. This regulation prescribes authority, responsibility, and policy for the use and operation of AMPRS and the information contained therein.

2. Applicability. This regulation is applicable to all HQUSACE/OCE elements and all field operating activities (FOA) for both civil and military design and construction.

3. References.

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|--------------|---|
| AR 25-1      | The Army Information Management Program: Prescribe policies, responsibilities, and procedures that govern information management.   |
| AR 25-5      | Information Management for the Sustaining Base: Prescribes policies responsibilities and procedures that govern management of sustaining base information, one of the three major groups of information defined in AR 25-1. |
| EP 415-345-1 | AMPRS Executive Summary: Provides the AMPRS objectives, discusses management requirements, data flow and responsibility.  |
| EP 415-345-2 | AMPRS Data Dictionary: Provides an alphabetical listing and definition of terms used to describe the Corps of Engineers design and construction mission and lists required upward reported data items.                      |
| EP 415-345-3 | AMPRS Users Manual: Describes the Data Base and explains data base operation.   |
| EP 415-345-4 | AMPRS ADP Manual: Describes data base operation in more technical detail, maintenance and output methods.   |

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This regulation supersedes ER 18-1-35, 18 April 1980; ER 415-345-43, 31 March 1972 and rescinds RCS: MCC-23 and ENG Forms 4377-R and 4377a-R.

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ER 15-345-1            Automated Management and Progress Reporting System (AMPRS) Steering Committee, Users Group, and Systems Change Request Committee: Defines the AMPRS User Group as to membership, responsibilities and objectives. Identifies method to make suggested changes/improvements to AMPRS.

4. Description. AMPRS is the Corps of Engineers standard automated information system for project/contract activity progress tracking, monitoring, and management. AMPRS provides uniform information at all levels. Physically AMPRS consists of two types of data bases. An information system is individually maintained and supported by each district and operating division throughout the world on a locally controlled data base. Periodically specific information from these data bases is electronically transmitted to a data base at HQUSACE. AMPRS is designed to provide district overview for costs, schedules and workloads. AMPRS has the capacity to report various levels of activity, i.e., parts of a design or construction effort or many efforts rolled into one line item. Typically line item reporting equates to one design effort to produce a set of plans and specifications for a follow-on contractor to construct, procure or perform operations and maintenance (O&M) in accordance with these plans and specifications. Modifications to construction activities are broken out in detail. More detailed management information systems such as individual construction or design network analysis systems are beyond the capability and intent of AMPRS. Project and contract folders and other specialized computer applications normally support AMPRS.

5. Reporting Requirements. The Requirements Control Symbol, DAEN-ECC-35, defines AMPRS as a management information system and provides for data traffic and required reports between/among the FOA/HQUSACE data bases.

6. Policy. AMPRS shall be used as the sole information system for maintaining management overview to the detail prescribed in EP 415-345-2. More detailed management information systems such as individual contract/activity network analysis systems may interface with and support but not supplement or replace AMPRS. Headquarters, U.S. Army Corps of Engineers (HQUSACE) and Division Headquarters are authorized to automatically extract desired information from FOA AMPRS data bases under their command. Information required at HQUSACE from all FOA AMPRS data bases is described in EP 415-345-2 and may change per the requirements of HQUSACE. This information is the official status (historical and forecast) of the Corps of Engineers military and civil programs. AMPRS data bases collectively provide the uniform monthly, quarterly, and yearly design and construction status to the Divisions, HQUSACE, DOD, DA, other services, MACOMs, other Federal and non-Federal agencies, Congress, and the public. Status requests which duplicate information required to be in AMPRS are unauthorized.

7. Objectives.

a. To provide a Corps management information system (MIS) for managing and tracking design and construction progress at all levels.

b. To automatically satisfy upward reporting requirements without burdening district personnel with having to shape information into required report formats.

c. To unify into one authoritative source the official Corps position on any ongoing design/construction activity in order to efficiently and effectively meet information requirements up and down the Corps chain of command and to other agencies.

d. To establish a Corps wide information system which is both timely and efficient for managing and disseminating design and construction status.

e. To provide a system which can efficiently interface with other data bases and support other Corps needs such as information contained in the Corps of Engineers Management Information System (COEMIS).

f. To assess FOA workload.

g. To be used for division/district performance measurement.

#### 8. Responsibility.

a. Functional Proponent. The functional proponent is the Director of Engineering and Construction. Construction Management Branch (DAEN-ECC-C) is responsible for all staff coordination required by AR 25-5 and other relevant directives.

b. Assigned Responsible Agency (ARA). The Engineer Automation Support Activity (EASA) is the ARA for AMPRS. EASA provides technical support to the functional proponent and AMPRS management groups as required.

c. AMPRS Management groups. AMPRS management groups are to provide forums in which issues related to AMPRS may be discussed and resolved. Objectives, composition, organization, and responsibilities of the AMPRS management groups are contained in ER 15-345-1. The groups are as follows:

(1) The Steering Committee, the policy body of the AMPRS management groups.

(2) The Users Group, the general representative group of users at all levels.

(3) The Systems Change Request (SCR) Committee, field appointed members who recommend changes to the AMPRS system.

(4) Ad Hoc Committees, field appointed members at the discretion of the Steering Committee.

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d. Reporting Organization (RO). An RO is defined as a Corps district or operating division which has an AMPRS data base. Each RO is responsible to input data as required by EP 415-345-2 into the data base for use at the district level as the primary management information system and to assure electronic transmittal of required data to HQUSACE on a prescribed periodic basis.

e. AMPRS Coordinator. Each district and division shall have two appointed AMPRS points of contact (POC) as User Group Members (normally one from engineering division and one from construction division). One of these individuals shall be appointed as the AMPRS coordinator. The AMPRS coordinator shall perform the following services:

(1) Coordinate the effort of personnel in Data Processing, Engineering, and Construction divisions in the development/modification of the standard system or local reports.

(2) Coordinate AMPRS activities among his/her organization user, other user's and HQUSACE.

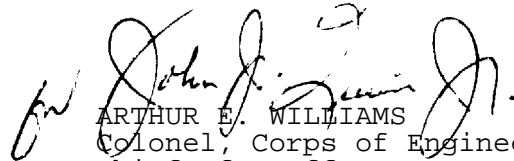
(3) Inform key personnel of all system modifications/improvements that impact upon the reporting requirements of the design and construction program.

(4) Review and process suggestions for system changes, prepare Engineering Change Proposals (ECP) and ensure proper routing to HQUSACE.

(5) Coordinate and disseminate correspondence.

f. Forms: The forms are used to build and maintain the database. Instructions for using these forms are contained in EP 415-345-3. A list of these forms are at Appendix A.

FOR THE COMMANDER:

  
ARTHUR E. WILLIAMS  
Colonel, Corps of Engineers  
Chief of Staff

APPENDIX A

LIST OF PRESCRIBED FORMS

Eng Form 4581-R, PROJECT (LINE ITEM) TYPE 13 RECORD  
Eng Form 4582-R, INTERFACE FILE TYPE 017 RECORD  
Eng Form 4583-R, CONTRACT DATA TYPE 41 RECORD  
Eng Form 4584-R, DISTRICT DATA TYPE 001 RECORD  
Eng Form 4585-R, LOCATION DATA TYPE 005 RECORD  
Eng Form 4586-R, CONTRACTOR TYPE 037 RECORD  
Eng Form 4587-R, CODE TABLE TYPE 097 RECORD  
Eng Form 4588-R, CWE ACTIVITY (049 RECORD) CONSTRUCTION  
Eng Form 4588A-R, CWE ACTIVITY (049 RECORD) DESIGN  
Eng Form 4588B-R, CYCLIC UPDATE  
Eng Form 4588C-R, PERCENTS RECORD TYPE 033 RECORD